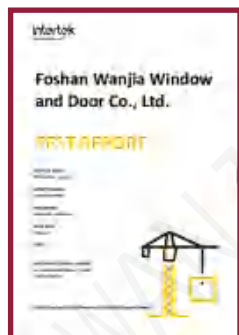


# HIGH END SYSTEM WINDOWS AND DOORS



WINDIA WINDOW AND DOOR

# Sliding Door



# 96 SERIES ALUMINUM SLIDING DOOR

## Profile thickness:

Frame thickness: 1.4mm

Fan thickness: 1.4mm

## Product configuration:

The maximum size of single fan can be made:

fan width  $\leq$  1300mm

fan height  $\leq$  2600mm

maximum fan weight: 80kg

## Glass:

5mm + 12A + 5mm double layer tempered insulating glass

## Grills: normal square grills

1. 304 stainless steel net, standard color is black, silver color is optional
2. The 96 series is equipped with stainless steel rails for doors, and aluminum alloy rails for windows.
3. 96 series two-track and three-track can be selected: high track or low track
4. The corner angle can be 90° and 135°

## Basic parameters:



Thermal insulation coefficient:  
**Uw25W/m2K**



Wind pressure resistance coefficient:  
**+2000Pa**



Water tightness coefficient:  
**+300Pa**



Air tightness coefficient:  
**Level 3**

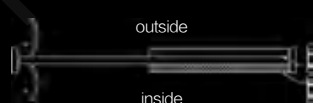


Sound insulation coefficient:  
**Rw up to 25dB**

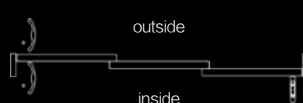
## Product description:

1. The cavity adopts EPDM sealing tape, which is not easy to age and is durable, and achieves a more comprehensive sealing effect.
2. Equipped with 5+12A+5 hollow tempered glass, it can effectively reduce the resonance effect of sound waves, and has a good sound insulation effect and complete functions.
3. Sliding fly screen/mosquito net can be added: it can be placed indoors and outdoors.

Three track two + screen door



Three rails and three fans



Three rails and four leaves + screen door

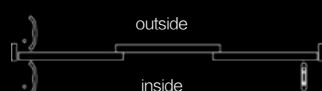


Track sleeve

Stainless steel track



Two rails and three fans



Two rails and two fans



Two rails and four leaves + screen door





# HARDWARE CONFIGURATION



—— Multipoint lock ——



—— Lock cylinder ——



—— Lock bag five piece set ——



—— Anti swing wheel ——



—— Lock body ——



—— Pulley double wheel ——

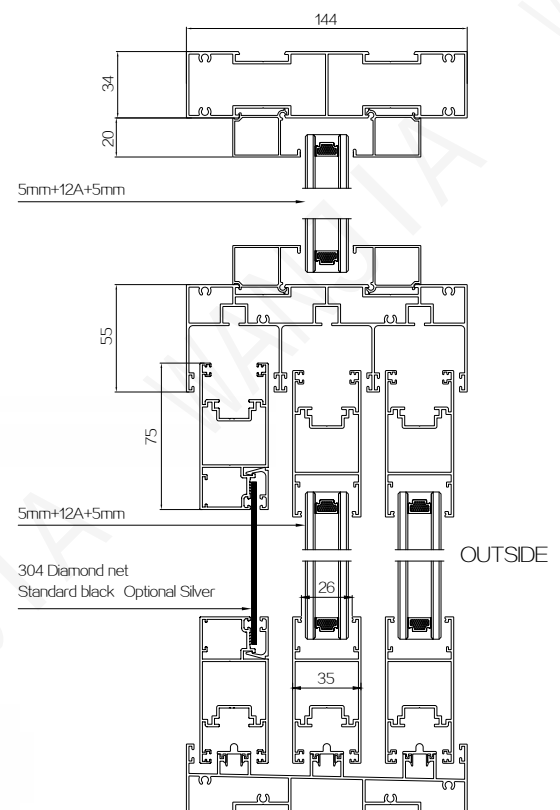
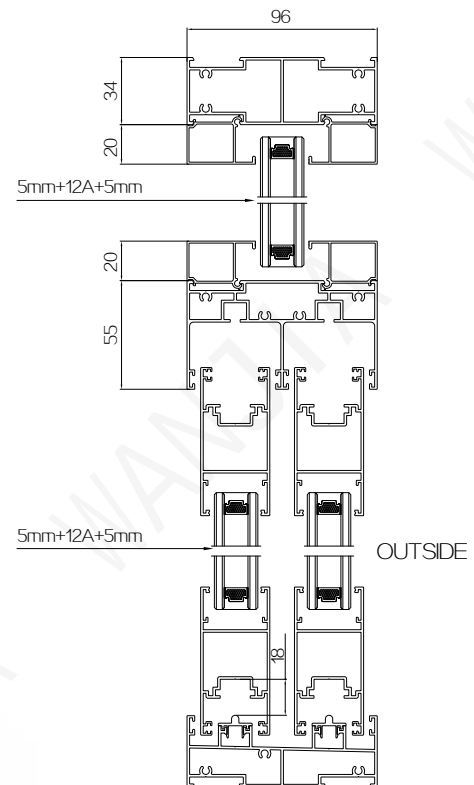


—— Lock cylinder cover ——



—— Frame panel ——

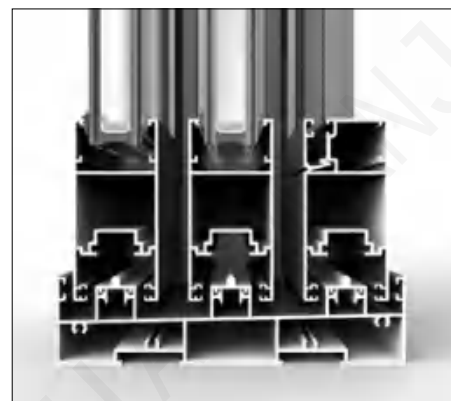
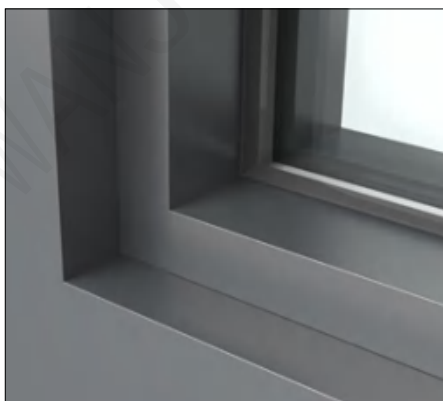
# 96 SERIES ALUMINUM SLIDING DOOR



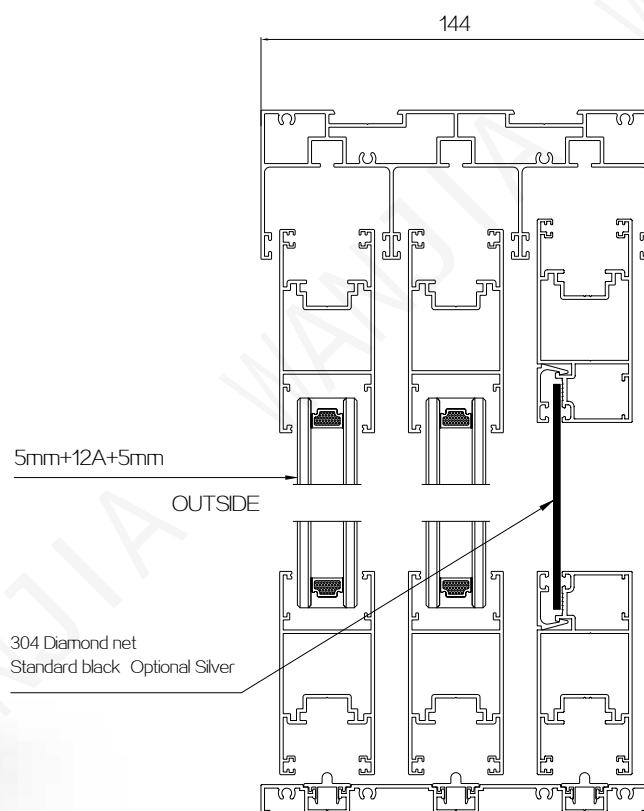
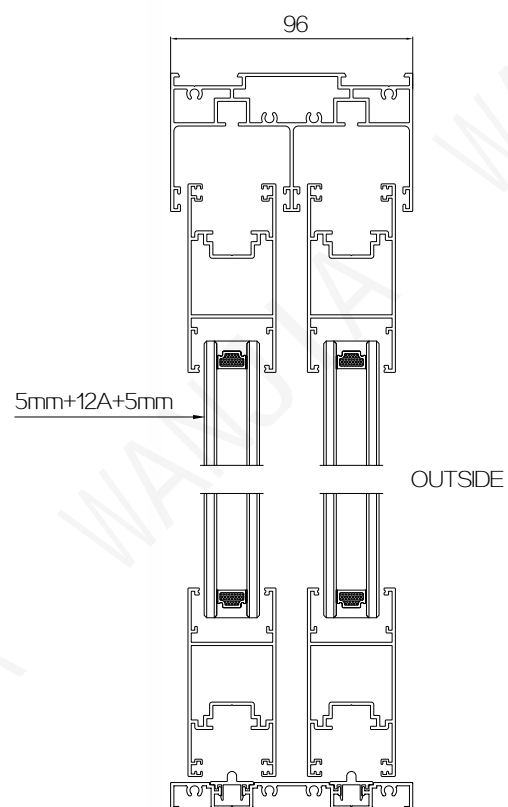
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## PRODUCT DETAILS

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# 96 SERIES ALUMINUM SLIDING DOOR



# Space Aesthetics

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Space realizes art, and art pursues life simple, bright and elegant,

exuding an uncompromising sense of high-level inside, Outside the window is a jungle-like picture,

and there is a warm and strong fragrance in the room. When you rest, you can recall the time that has passed.





# 130 SERIES

## ALUMINUM SLIDING DOOR

### Profile thickness:

frame thickness: 1.8mm      fan thickness: 1.8mm

### Product configuration:

The maximum size of single fan can be made: fan width  $\leq$  1500mm, fan height  $\leq$  2800mm, maximum fan weight: 80kg

### Glass:

5mm+16A+5mm double-layer tempered insulating glass

Material broken edges can be made into double tempered hollow glass of 5MM+27A+5MM

**Grills:** The new 130 series are conventionally square or diamond-shaped large grid strips with 27A hollow strips

**Blinds:** Electric blinds and magnetic blinds are available for the new 130 series

1. 130 series with 304 stainless steel net, standard color is black, silver color is optional
2. Standard stainless steel track for 130 sliding door series track The corner angle can be 90° and 135°

### Basic parameters:



Thermal insulation coefficient:  
**Uw2.0W/m2K**



Wind pressure resistance coefficient:  
 **$\pm 2000\text{Pa}$**



Water tightness coefficient:  
**500Pa**



Air-tightness coefficient:  
**Class 3**

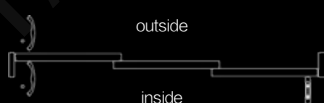


Sound insulation coefficient:  
**Rw up to 25dB**

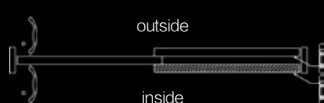
### Product description:

1. 1.8mm international profile thickness, standard German process design, make the product air tightness, water tightness and wind pressure resistance performance effectively reflected.
2. It can realize the double-track and three-track, and it can be opened flexibly. There are various styles and the design style is simple and atmospheric.
3. The profile design adopts European standard hardware notches and multi-point locks to meet the versatility of accessories on the market and achieve a good anti-theft effect.
4. Complete functions, mosquito net can be placed indoors and outdoors.
5. Hollow glass can be freely equipped with magnetic blinds and electric blinds, realizing two-way selection of daylighting and shading

Three rails and three fans



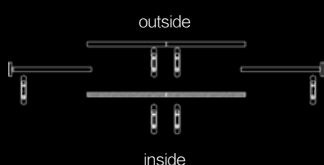
Three rails and two leaves + screen door



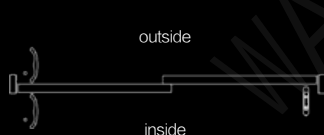
Two rails and three fans



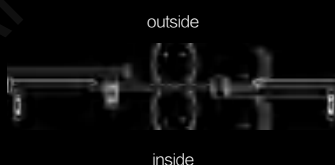
Three rails and four leaves + screen door



Two rails and two fans



Two rails and four fans



# HARDWARE CONFIGURATION



—— Lock cylinder ——



—— Multipoint lock ——



—— handle ——



—— Lock bag five piece set ——



—— Anti swing wheel ——



—— Handle fixing screw ——



—— Lock body ——



—— Pulley double wheel ——



—— Lock cylinder cover ——



—— Frame panel ——

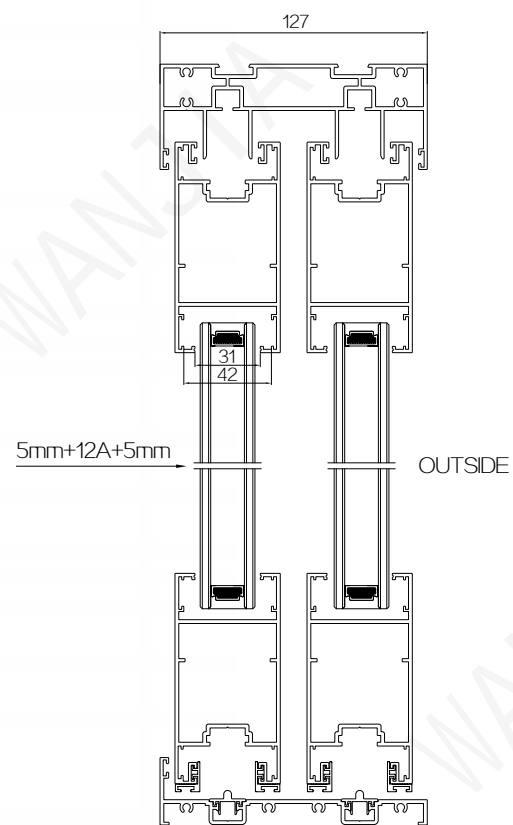


**OPK**

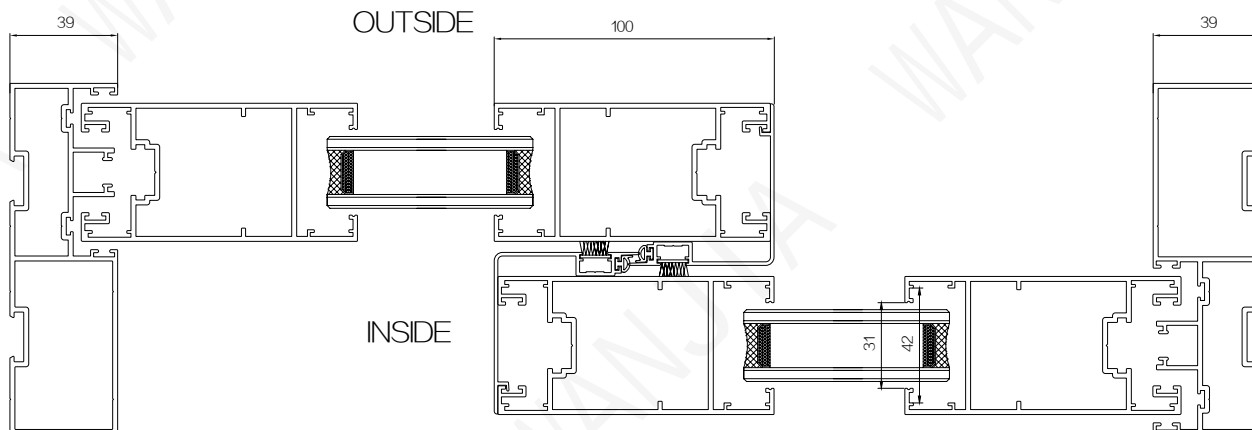


—— Buffers and accessories ——

# 130 SERIES ALUMINUM SLIDING DOOR



Low rail without retaining edge

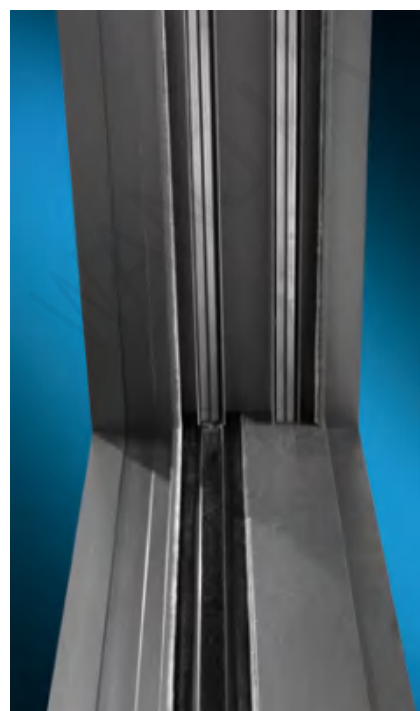




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PRODUCT  
DETAILS

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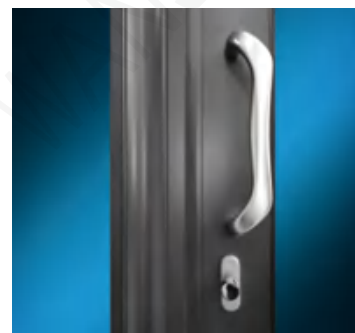


In terms of professional quality,

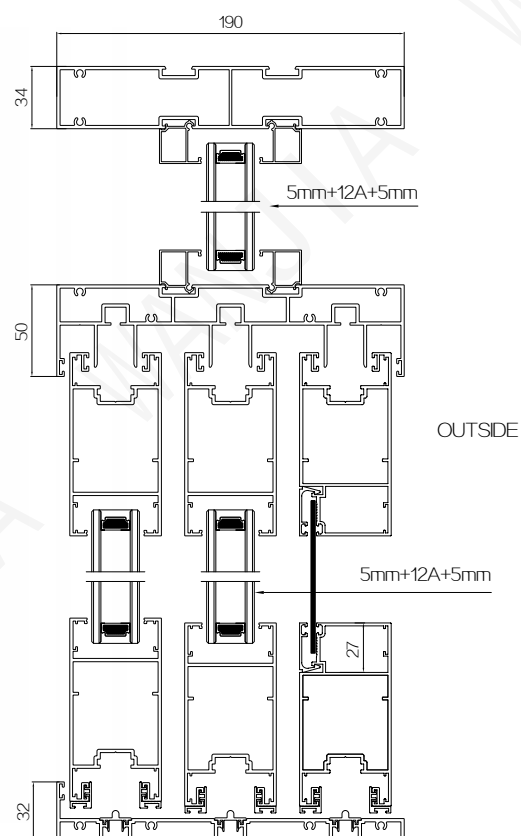
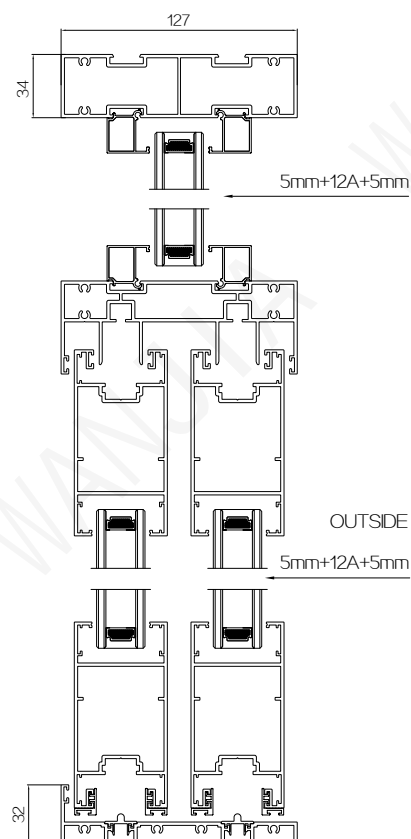
the application of artistic aesthetics was entrusted to an environmental manager.

From art to life, follow the inner voice,

return to simplicity and nature, and let life and beauty meet unexpectedly.



# 130 SERIES ALUMINUM SLIDING DOOR



# 146 SERIES

## THERMAL BREAK ALUMINUM LIFTING SLIDING DOOR

### Product specifications:

Profile thickness: 2.0mm

Fan width: 600mm–2000mm

Fan height: 1500mm–3000mm

Maximum load: 100kg

**Standard glass:** 5mm+27A+5mm double-layer tempered insulating glass

**Blinds:** Electric blinds or magnetic blinds

**Insulation strip size:** 20mm

### Basic parameters:



Thermal insulation performance:  
**Uw1.7W/m<sup>2</sup>K**



Wind pressure resistance performance:  
**5000Pa**



Air-tightness coefficient:  
**level 3**



Sound insulation performance:  
**Rw35dB**

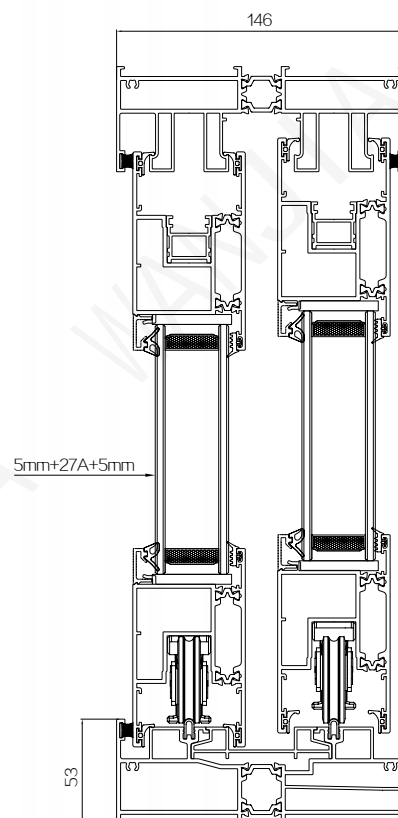


Watertight performance:  
**500Pa**

### Product description:

1. All sides of the door leaf and the frame body are sealed with rubber strips, and the connection between the outer frame and the upper and lower rails is sealed with waterproof plugs, waterproof gaskets and other seals, and the watertight performance is more than 500Pa.
2. The door leaf hook uses a plastic cover to divide the hook into two parts. The door frame uses a plastic plate insert to separate the door leaf from inside and outside to achieve separation between the inside and the outside. Control it below 1.7.
3. The frame and fan adopt the embedded structure, and the thickness of the profile is 2.0mm. In a single fan of 1.8 square meters, the wind pressure resistance value of the additional sleeve core can reach 5000PA.
4. It can be used for lifting sliding door, fixed door, ordinary sliding and other design, and also be used as a magnetic levitation electric sliding door.
5. The glass can be loaded and unloaded by laminating strips, which reduces difficulties in transportation and replacement of glass.

## 146 SERIES THERMAL BREAK ALUMINUM LIFTING SLIDING DOOR

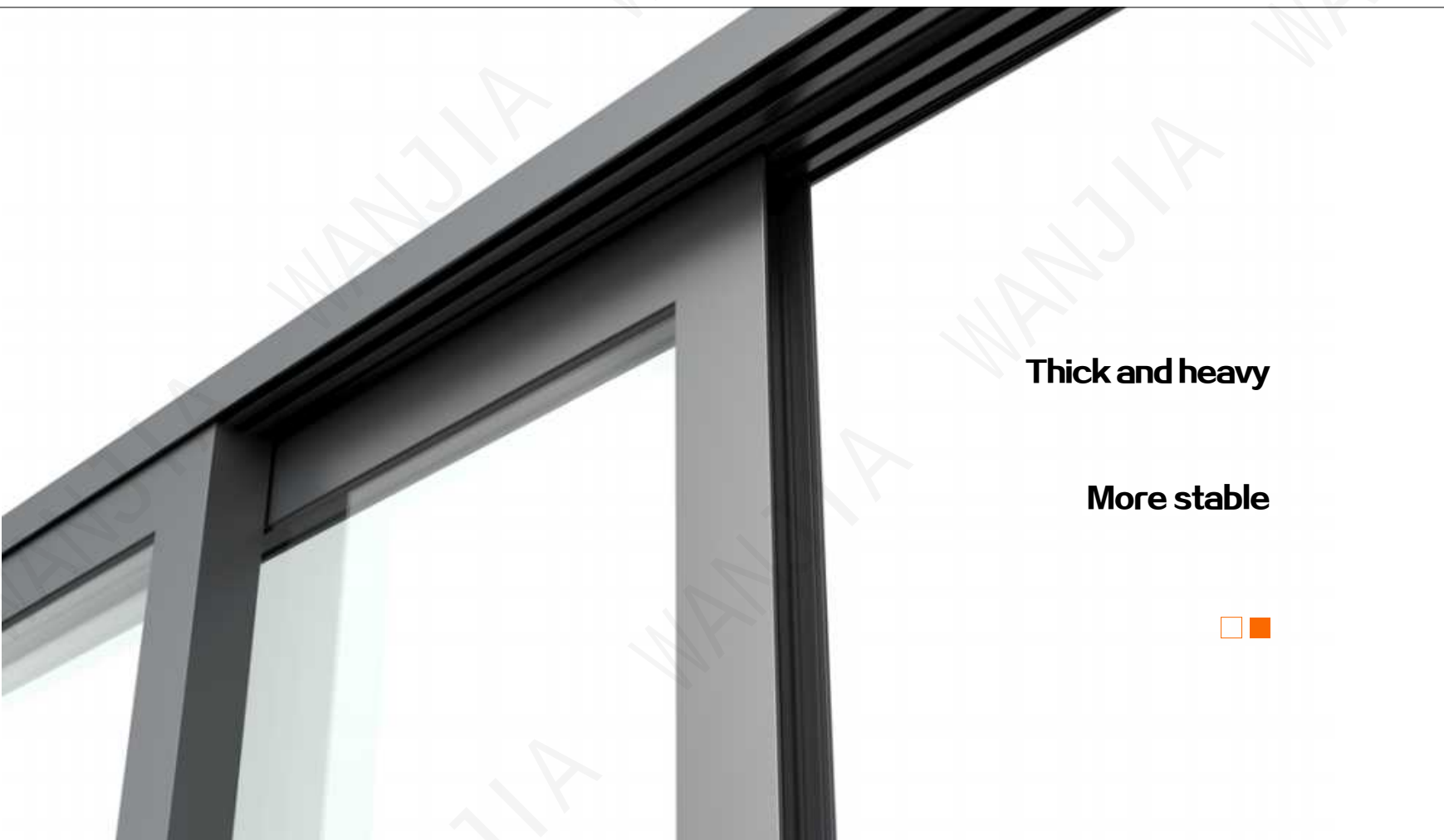




## PRODUCT DETAILS



## Thermal break heavy **Lifting**



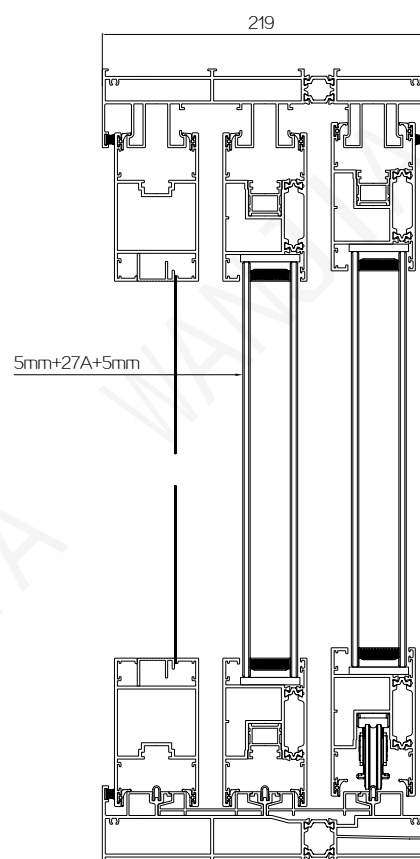
**Thick and heavy**

**More stable**





## 146 SERIES THERMAL BREAK ALUMINUM LIFTING SLIDING DOOR



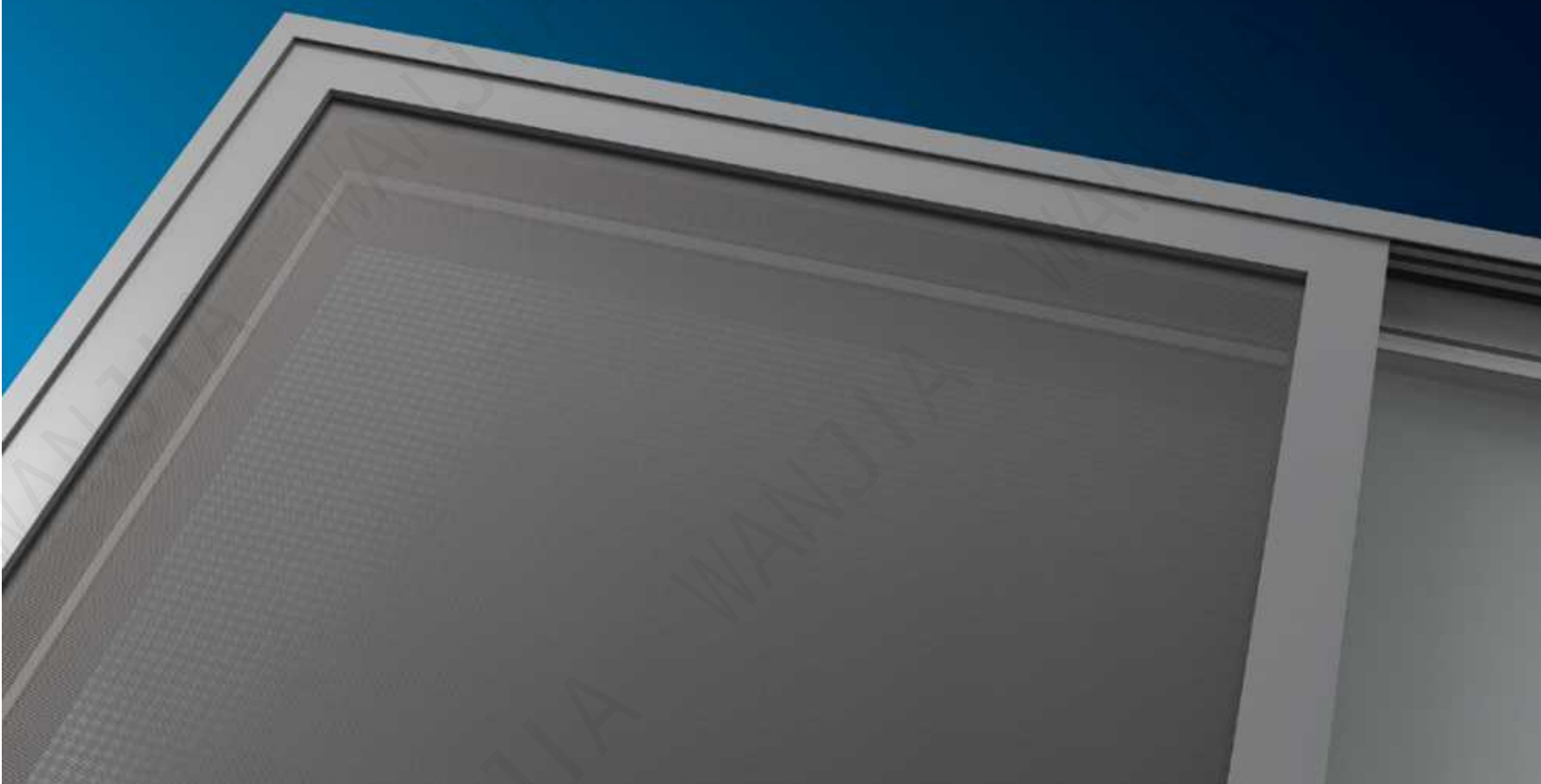
Three track

Product details



Thermal break heavy

Lifting





# ALUMINUM

HEAVY LIFTING SLIDING DOOR





1. The lifting sliding door system adopts the principle of lever, by gently turning the handle to control the lifting of the door leaf.
2. When the handle is rotated downward, the door leaf is opened and fixed by the driver connected to it,
3. Make the pulley fall on the track of the lower frame, and drive the door leaf up, at this time the door leaf is open (freely sliding and sliding)
4. When the handle rotates upwards, the pulley is separated from the sliding track, and the door leaf is lowered.
5. The door leaf presses the rubber strip on the door frame under the action of gravity, and the door leaf is closed at this time.

# 170

## SERIES

## ALUMINUM LIFTING SLIDING DOOR

### Product specifications:

Profile thickness : frame 2.2mm , sash 2.2mm , high track / low track 2.2mm

Door sash width : 600mm-2000mm      Door sash height: 1500mm-2600mm

**Standard glass :** 5mm+12A+5mm+12A+5mm , triple-layer tempered insulating glass

**Profile width :** frame width 170mm , thermal insulation strip 40mm      Door sash width 80mm , thermal insulation strip 33mm

**Visible surface :** upper track 56mm , thermal insulation strip 44mm , bottom track 50mm , thermal insulation strip 30mm

### Basic parameters:



Thermal insulation performance:  
**level 8** ( $1.6 \geq K \geq 1.3$ )



Wind pressure resistance performance:  
**level 3** ( $2.0 < P_3 < 2.5$ )



Airtightness coefficient:  
**level 5** ( $2.0 \geq q_1 \geq 1.5$ )



Sound insulation performance:  
**level 3** ( $30 \leq R_w + C_{tr} < 35$ )



Watertight performance:  
**level 4** ( $350 \leq P_a < 500$ )

### Product description:

1. Double track lifting sliding construction, strong and durable, can meet the needs of large size heavy lifting sliding door
2. The installation of a unique U-shaped groove makes hygiene cleaning more convenient and the overall more beautiful, and the design of its elastic mouth makes the sealing performance better;
3. Using the principle of equal pressure and a unique drainage structure, the sliding door is designed with reasonable drainage channels, completely avoiding the possible rainwater flow into the room and the phenomenon of water in the track.
4. Flexible opening mode, larger single door design, better interior landscape, all-round improvement of building and life quality;
5. The profile section is larger, using different thickness of insulating glass and multi-cavity heat-insulating aluminium profiles, with high tensile and bending strength, stable performance, not easy to ageing, long service life;

# HARDWARE CONFIGURATION



—— 150kg pulley ——



—— 300kg pulley ——



—— lock seat ——



—— lifting pulley ——



—— Handle without cylinder hole ——



—— clasp hands ——

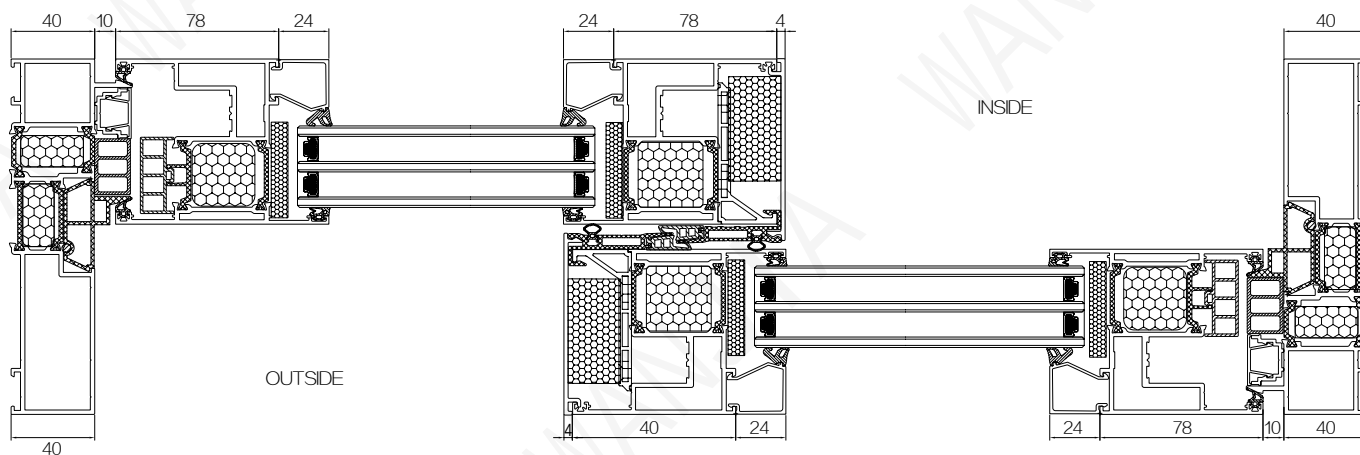
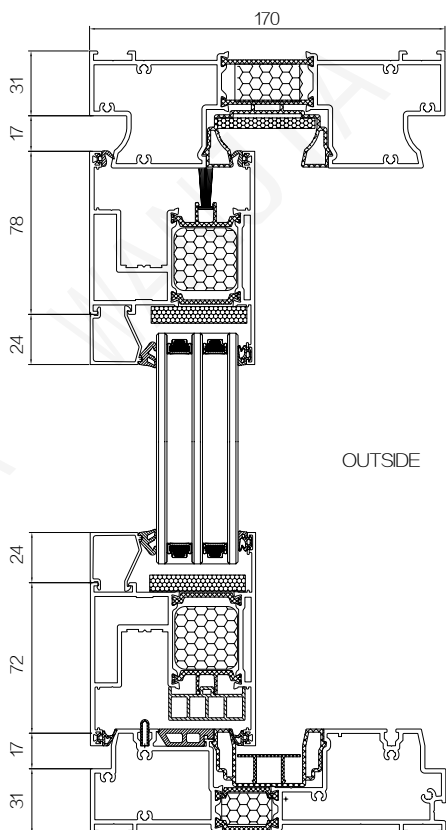


—— Handle without cylinder hole ——



—— Lifting handle ——

# 170 SERIES ALUMINUM LIFTING SLIDING DOOR







## Product details



# 190

## SERIES

### HEAVY LIFTING SYSTEM SLIDING DOOR SERIES TECHNICAL PARAMETER

**Profile thickness:** 6060-T66 aluminum/wall thickness 3.0mm

**Heat insulation strip:** PA6-GF25-GB/T23615 high quality insulation strip

**Visible surface:** side frame 45mm/light positive surface 68mm/narrow side width:32mm

**Size specification:** sash width:600-2000mm sash high:1500mm-2600mm

**Glass specification:** 5mm+27A+5mm double layer tempered middle space glass

**Opening method:** Normal sliding,electric smart sliding,lifting system sliding

#### Basic parameters:



Heat insulation performance  
**Level 8**( $1.6 \geq K \geq 1.3$ )



Wind pressure resistance performance:  
**Level 3**( $2.0 < P_3 < 2.5$ )



Air-tightness coefficient:  
**Level 5**( $2.0 \geq q_1 \geq 1.5$ )



Sound insulation performance:  
**Level 3**( $30 \leq R_w + C_{tr} < 35$ )

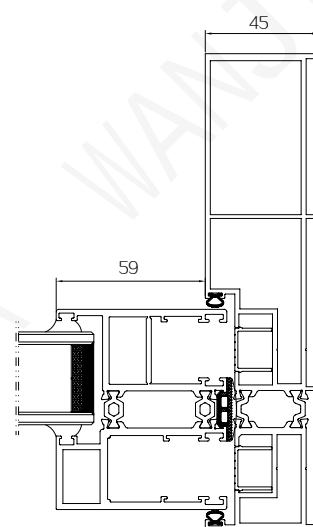
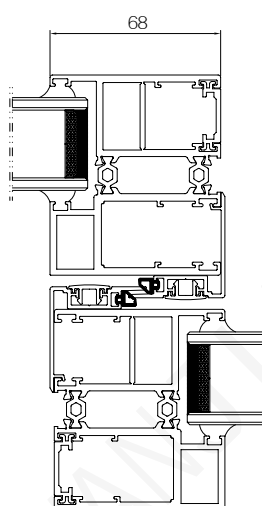
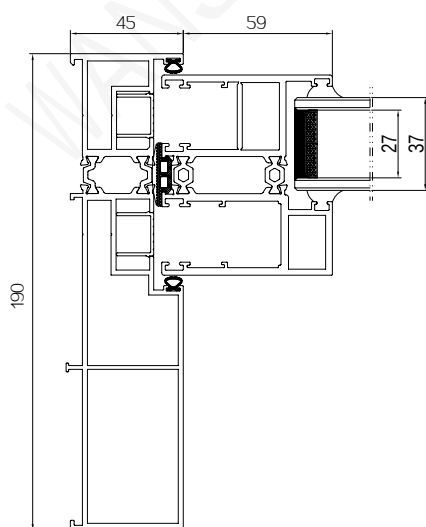
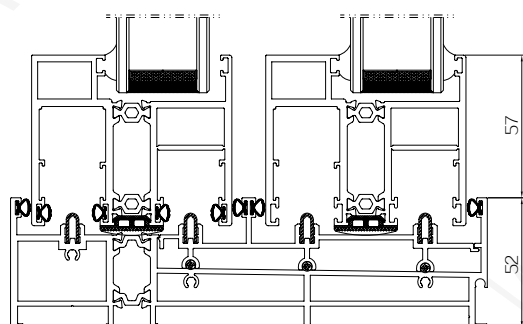
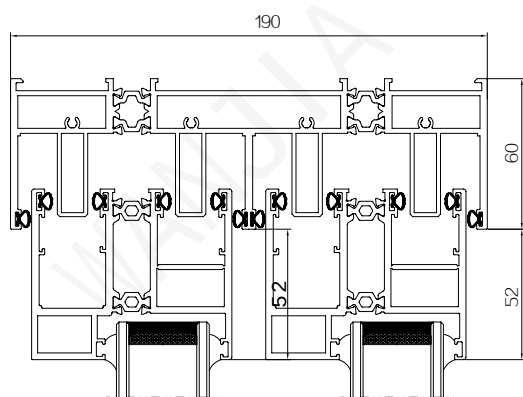


Watertight performance:  
**Level 4**( $350 \leq P_a < 500$ )

#### Product description:

- 1.Thermal break structure design,accomplish high insulation performance.
- 2.Double lifting system,with specialize sealing rubber and low friction rubber cooperate,accomplish high airtight watertight and insulation performance.
- 3.High eight support bottom roller,and single panel double row roller specification structure design,accomplish larger door panel production,satisfy the requirments of users of larger viewing fans.
- 4.Largest single panel can make 9 square meters,two bottom rail drainage water plan,specilical drainage water design,outside install water pipe design,satisfy different scenes and drainage requirement,make the products exellent watertight performance.
- 5.Narrow side hook and enhanced narrow side hook design,accomplish large side full view sliding door effect,view without boundaries.

# 190 HEAVY LIFTING SYSTEM SLIDING DOOR SERIES TECHNICAL PARAMETER



# 160 SERIES

## THERMAL BREAK ALUMINUM SLIDING DOOR



### TECHNICAL PARAMETER

**PROFILE WALL THICKNESS:** 2.5/5.0mm

**FRAME WIDTH:** Two tracks 160mm

**HOOK UP VISUAL SURFACE:** 27mm

**GLAZING REBATE:** 42mm

**SIDE WIDTH OF SASH:** 60mm

**GLASS CONFIGURATION:** 6mm+24A+6mm Hollow tempered glass

### BASIC PARAMETERS:



Heat insulation performance  
**Level 4 (2.6)**



Wind pressure resistance performance:  
**Level 9 (5.0Kpa)**



Airtightness coefficient:  
**Level 6 ( $q_1 \leq 0.5$ )**

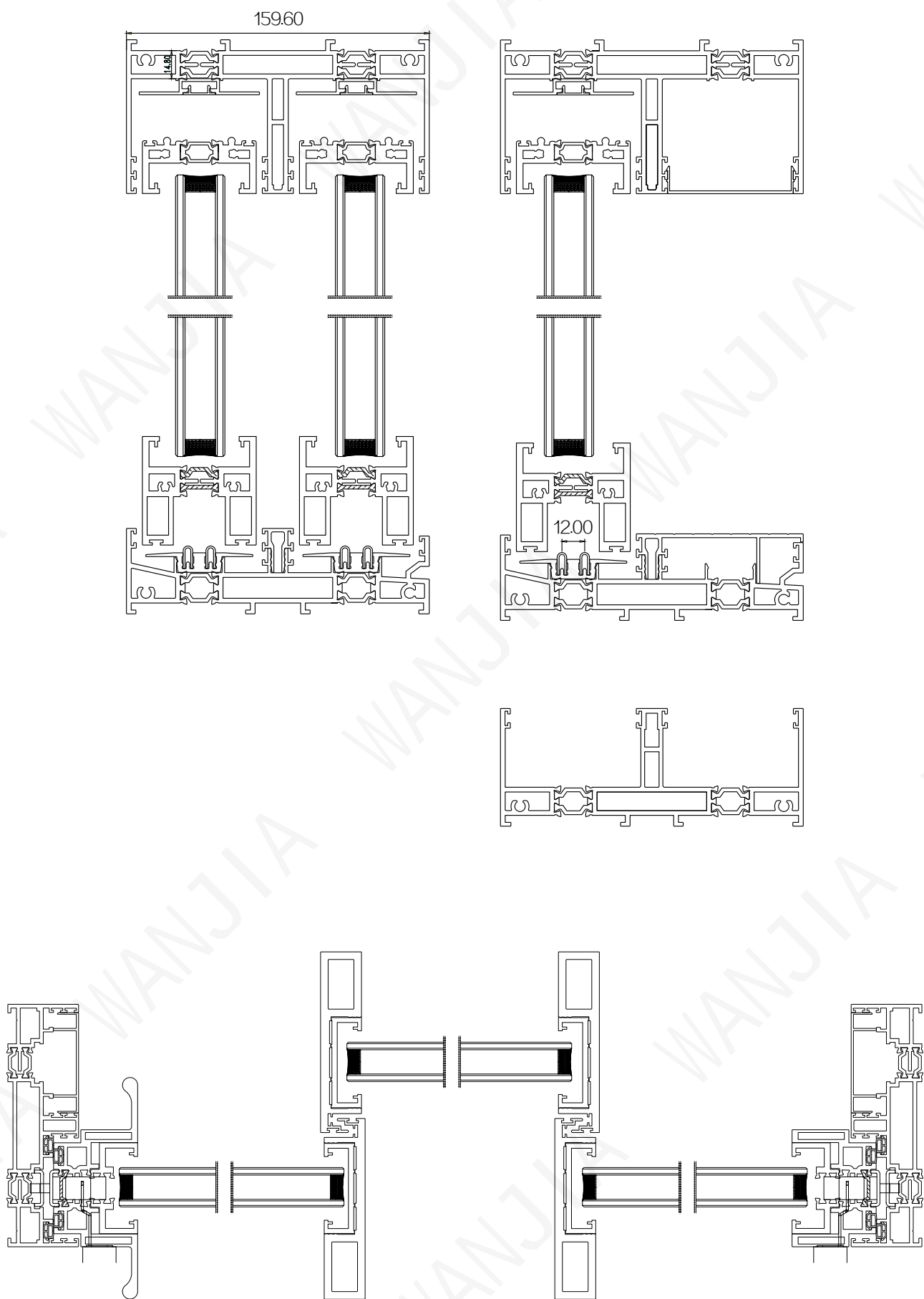


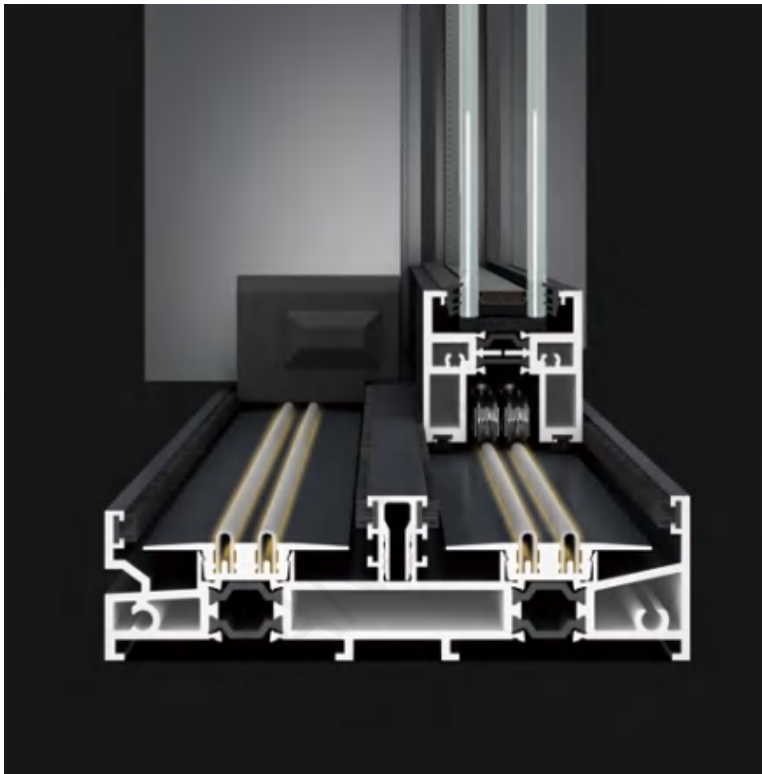
Sound insulation performance:  
**Level 4 (35db)**



Watertight performance:  
**Level 5 (700Pa)**







## DESIGN OF WATER RETAINING HIGH RAIL

The lower track can be designed with high track, which can effectively prevent rainwater from penetrating into the room and has good waterproof performance. At the same time, it can effectively prevent mosquitoes from entering the room from the track and reduce mosquito nuisance.



## DESIGN OPTIONAL

The floor pulley design, heat preservation, shock absorption and stability. Strengthen the overall sealing, more effectively reduce the decomposition force, and make the push-pull feel more "silky".





## **HIDDEN SASH DESIGN BEAUTY · INTERPRETATION OF HIGH-END TASTE**

*Adopting the current popular hidden sash design to broaden our horizons;*

*The hidden side sash allows the space to have a super large lighting area, giving our hearts a sense of unrestricted comfort and freedom.*



## **STRENGTHEN ENTERPRISE DESIGN**

*The hook adopts strengthened treatment, and the protruding part can be used as a handle, with better wind pressure resistance. It can be easily opened and closed when pushing and pulling hundreds of kilograms of glass.*